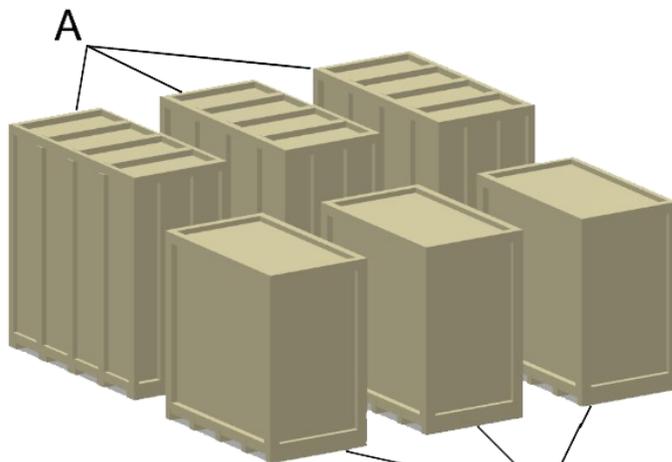


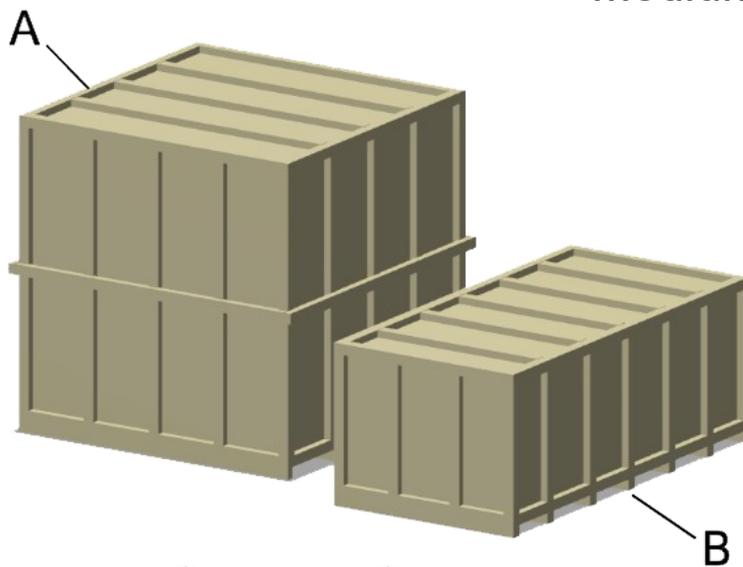
How to Finish Shipping Crates



Shipping Crates
Small



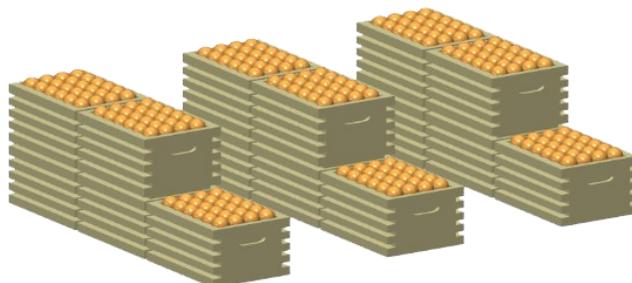
Shipping Crates
Medium



Shipping Crates
Large



Food Crates



Orange Crates

How to Finish Shipping Crates

Suggested Tools & Materials



Jeweler's
Side-Cutters



Artist's
Pallet Tray



Orange Testor's
Model Paint



Small
Paint Brush



Crate Paint



Raw Umber
Acrylic Paint

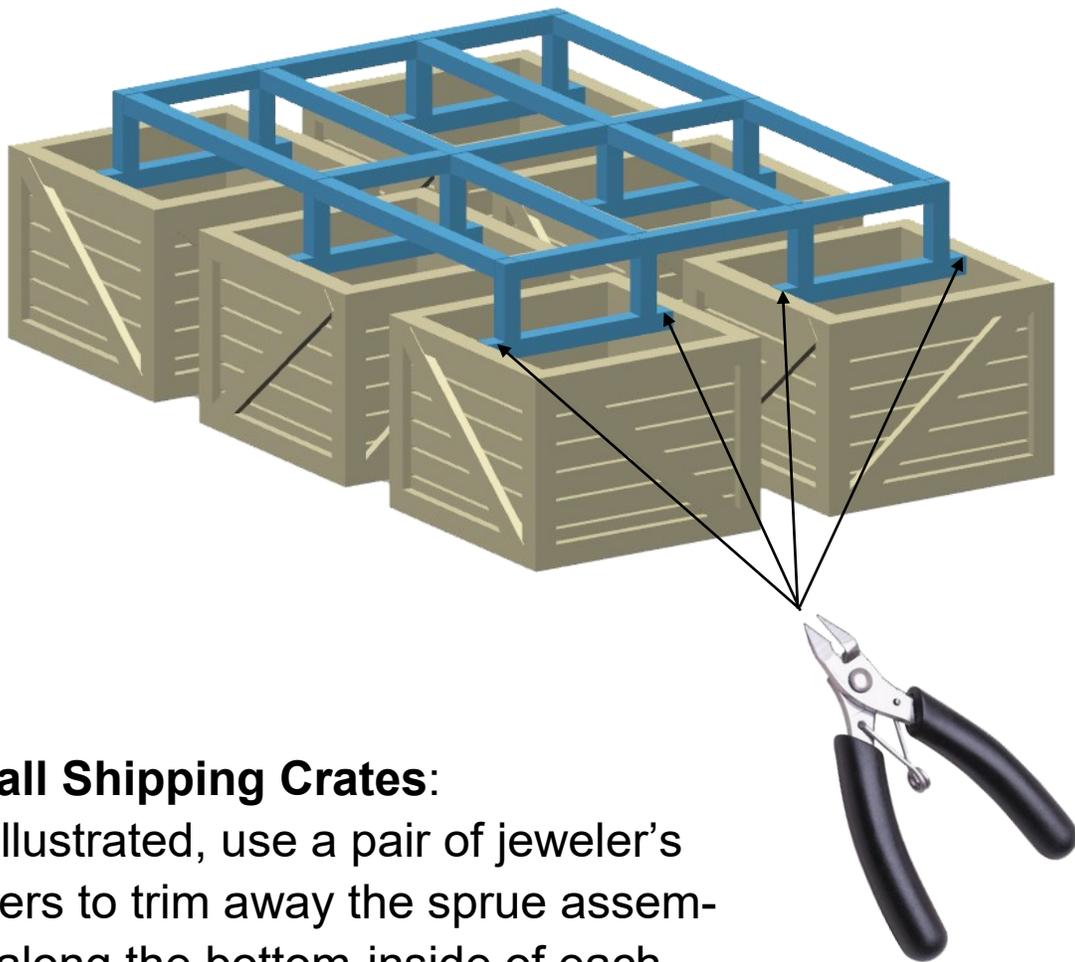


Paper Towels

How to Finish Shipping Crates

Sprue Removal

During the 3D printing process, the crates are joined by “sprues”, similar to plastic injection molding. Sprues make the model integral, which enables easier handling and keeps costs lower. All sprues need to be cut away and discarded as shown in the following diagrams:

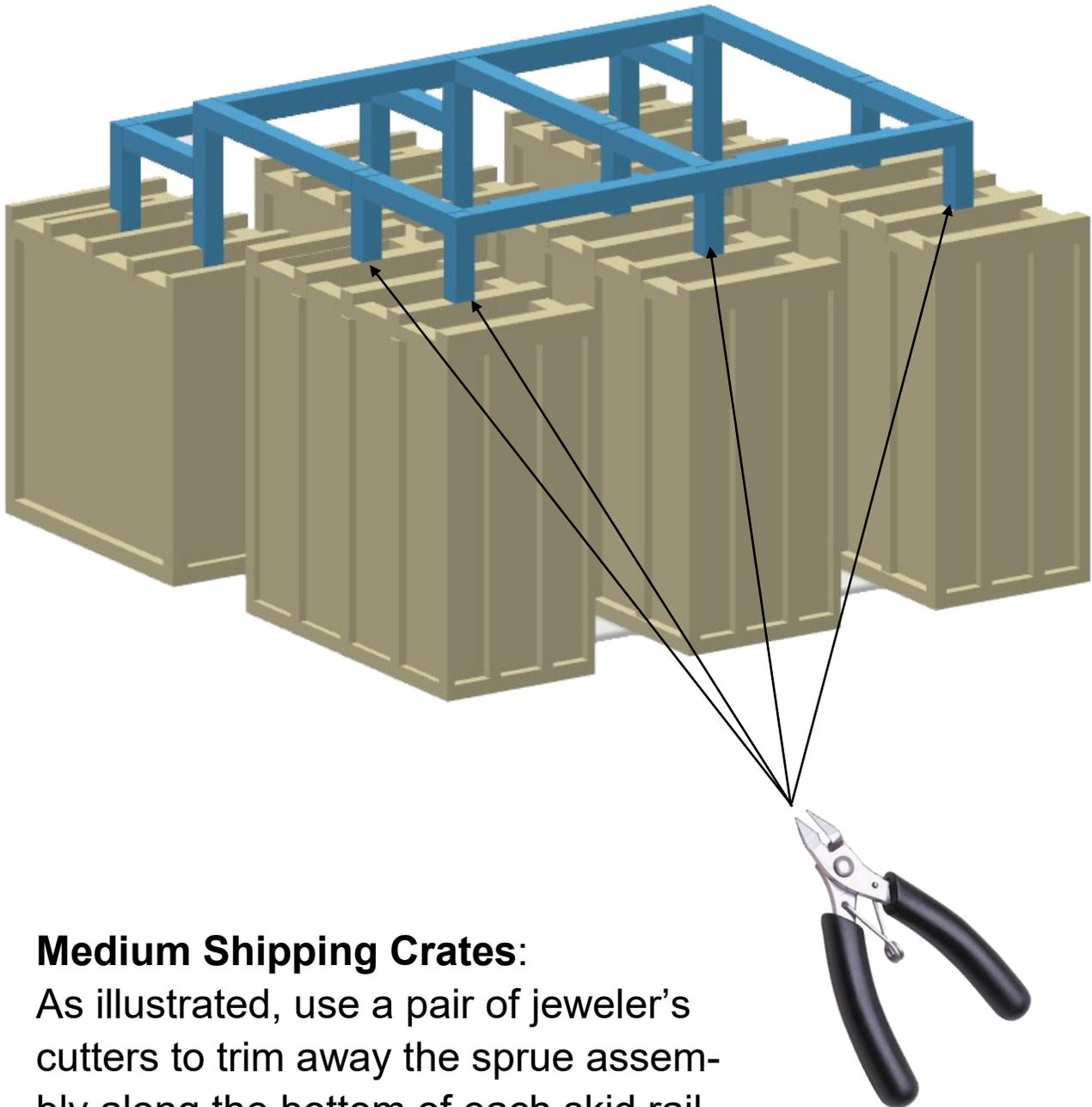


Small Shipping Crates:

As illustrated, use a pair of jeweler's cutters to trim away the sprue assembly along the bottom-inside of each crate and discard.

How to Finish Shipping Crates

Sprue Removal

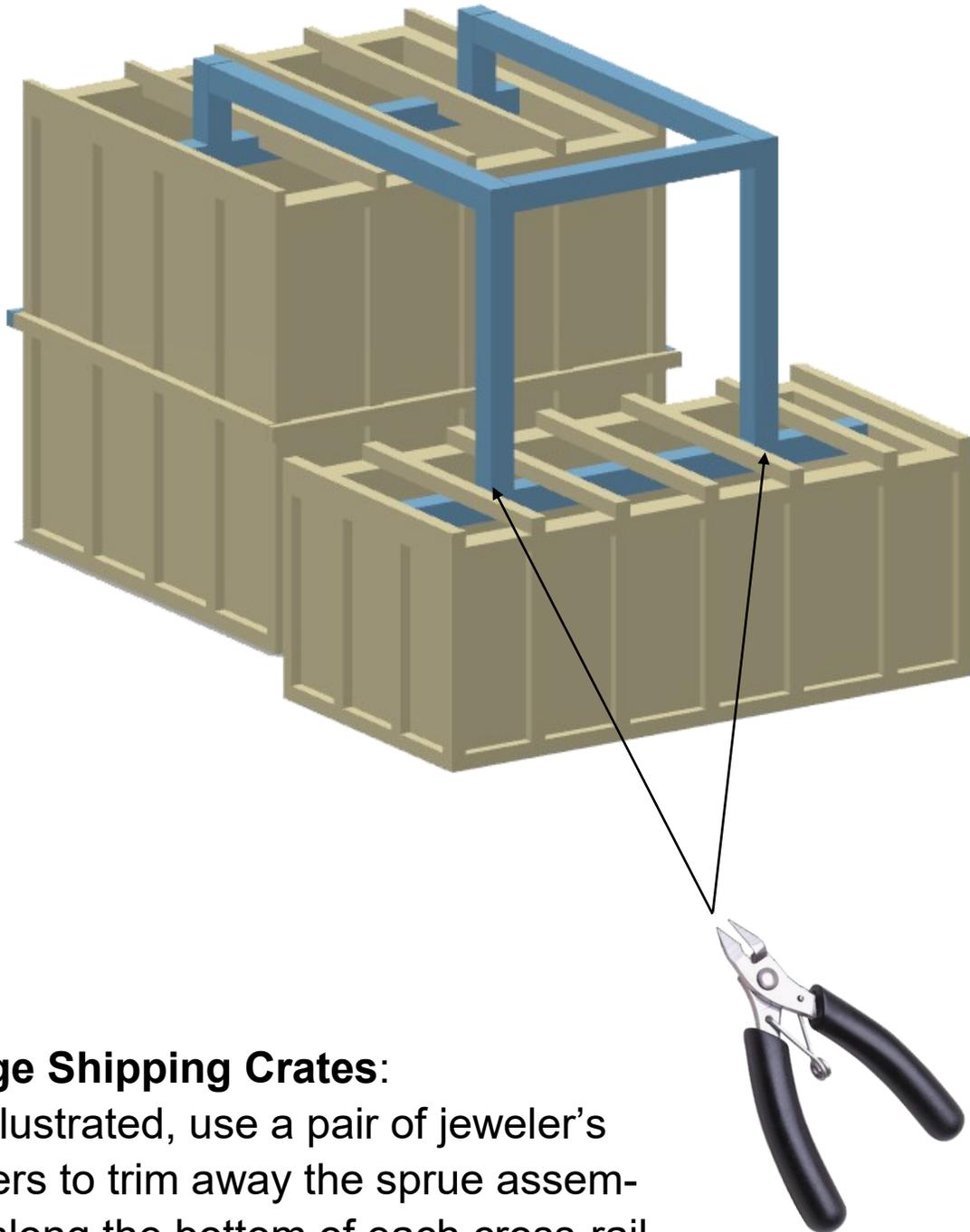


Medium Shipping Crates:

As illustrated, use a pair of jeweler's cutters to trim away the sprue assembly along the bottom of each skid rail and discard.

How to Finish Shipping Crates

Sprue Removal

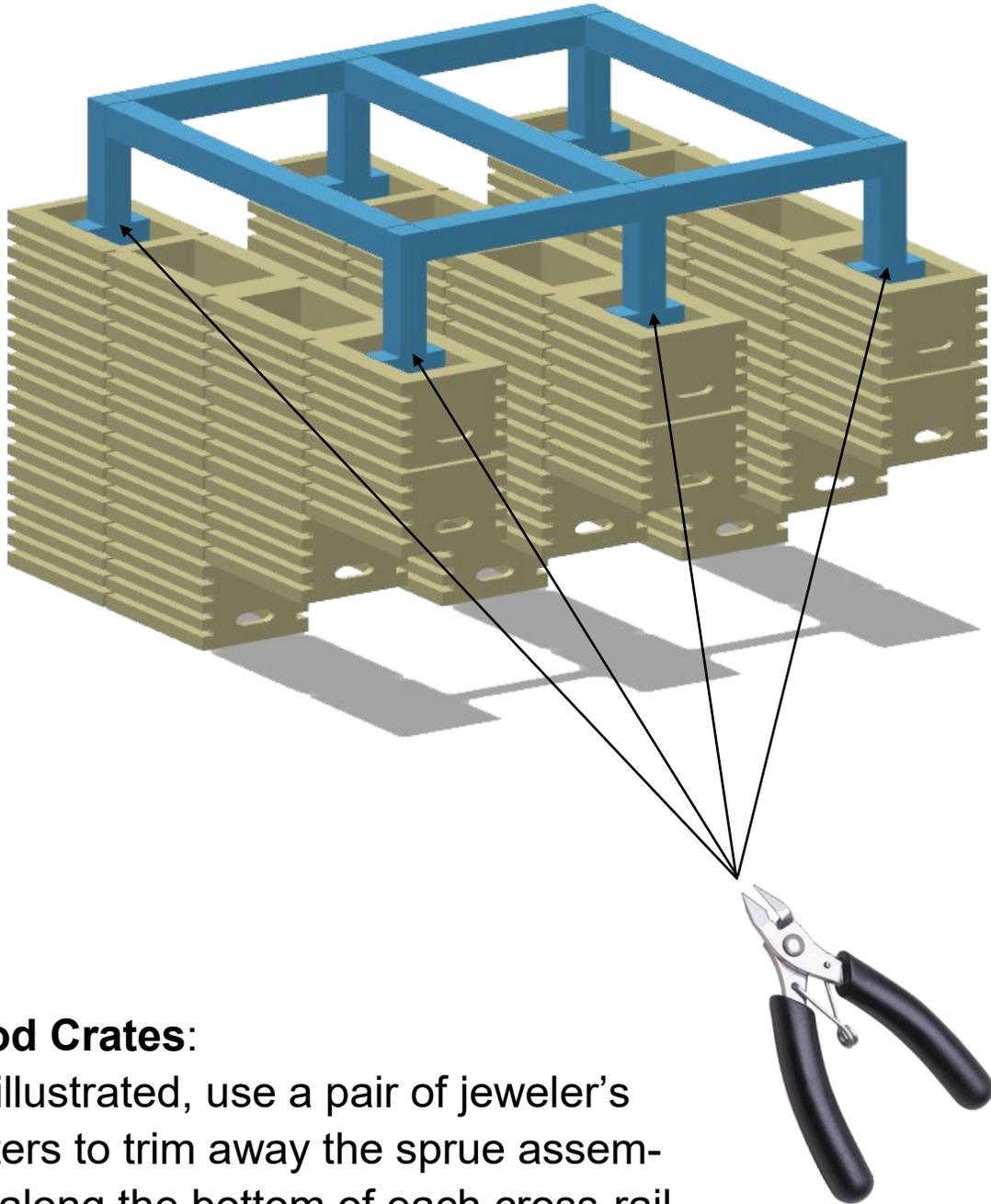


Large Shipping Crates:

As illustrated, use a pair of jeweler's cutters to trim away the sprue assembly along the bottom of each cross-rail and discard.

How to Finish Shipping Crates

Sprue Removal

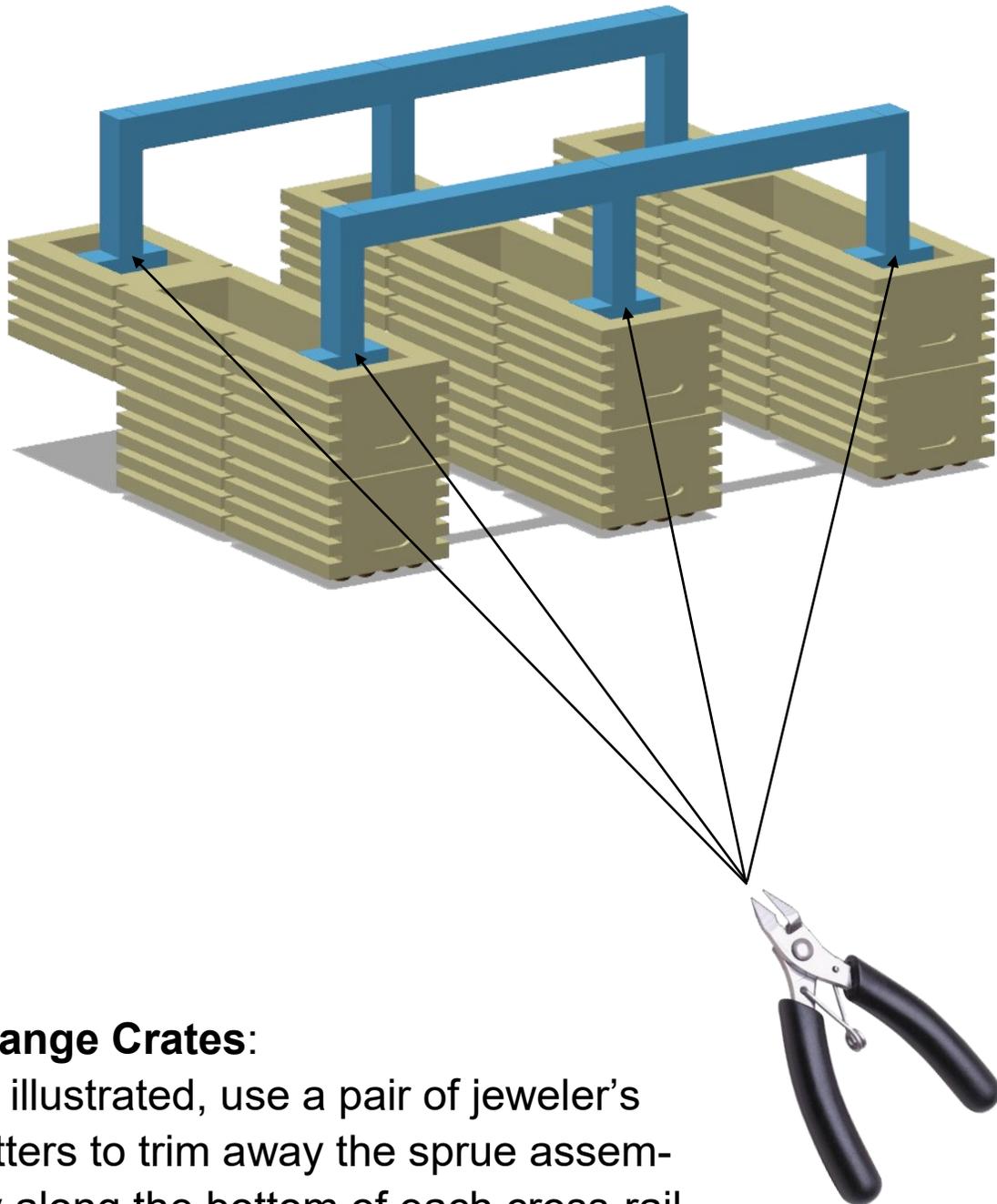


Food Crates:

As illustrated, use a pair of jeweler's cutters to trim away the sprue assembly along the bottom of each cross-rail and discard.

How to Finish Shipping Crates

Sprue Removal



Orange Crates:

As illustrated, use a pair of jeweler's cutters to trim away the sprue assembly along the bottom of each cross-rail and discard.

How to Finish Shipping Crates

Paint

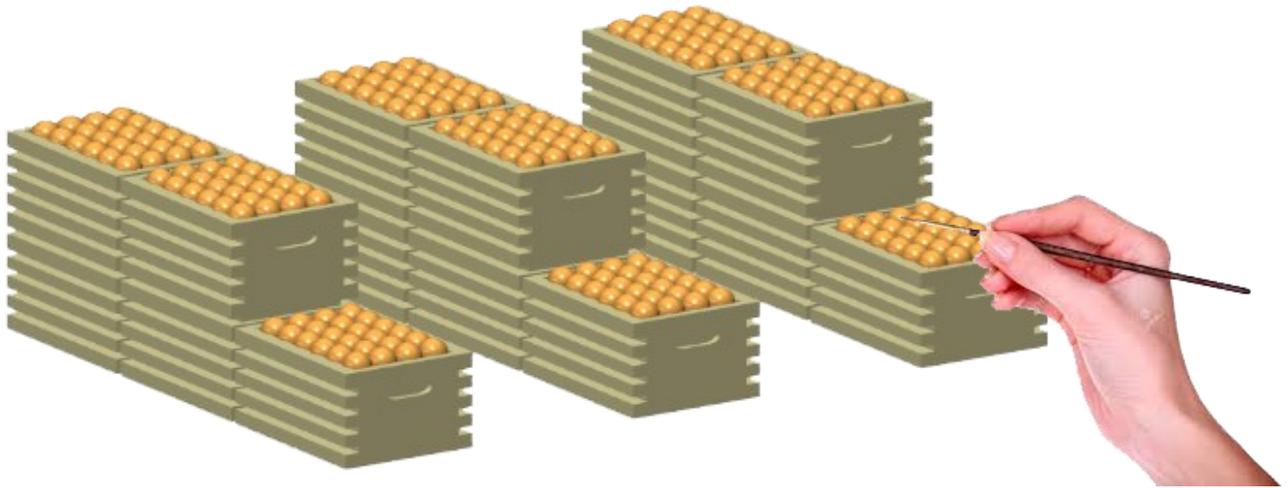


Crates and pallets are usually made from a fir tree wood product and are unfinished and recyclable. So, they are usually a light tan or reddish tan in color. Paint each crate a color of your choice. I prefer a paint mix that I use in “Suggested Tools and Materials” on page-2.

For aged or weathered crates, I use “Raw Umber.” I use an artist’s pallet to prepare a water-down solution. I squeeze a small amount of paint onto one of the pallet color depressions and add a little water around it. I paint on a thin coat of solution on the entire model and immediately dab it off with a paper towel. The solution leaves a residue that appears like the crate is weathered.

How to Finish Shipping Crates

Paint



Orange Crate

Paint the oranges with a small stiff brush using Testor's Orange color model paint (the brush stiffness will help work the paint into the voids between oranges).

How to Finish Shipping Crates

Sample Layout

